



SHEET 2 OF 3

INFORMATION DISCLOSURE CITATION

PTO-1449

ATTY. DOCKET NO.
A-67616-1/RMS/DCF

SERIAL NO.
09/500,555

APPLICANT
STUELPNAGEL et al.

RECEIVED

FILING DATE
February 9, 2000

GROUP OCT 16 2000
1743

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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
M	22	5,494,798	2/1996	Gerdt et al.	435	6	
	23	5,565,324	10/1996	Still et al.	435	6	
	24	5,516,635	5/1996	Ekins et al.	435	6	
	25	5,900,481	5/1999	Lough et al.	536	55,3	
	26	5,888,723	3/1999	Sutton et al.	435	5	
	27	5,380,489	1/1995	Sutton et al.	422	68,1	
	28	5,840,256	11/1998	Demers et al.	422	102	
	29	5,854,684	12/1998	Stabile et al.	356	440	

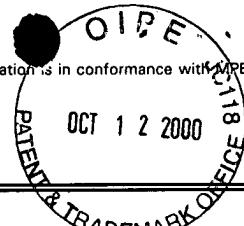
FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
M	30	0 478 319	4/1992	EP				
	31	0 269 764	6/1988	EP				
	32	93/02360	2/1993	PCT				
	33	89/11101	11/1989	PCT				
	34	97/14028	4/1997	PCT				
	35	0 723 146	7/1996	EP				
	36	98/40726	9/1998	PCT				
	37	0 392 546	10/1990	EP				
	38	98/53093	11/1998	PCT				
	39	97/40385	10/1997	PCT				
M	40	98/53300	11/1998	PCT				
M	41	96/03212	2/1996	PCT (WO)				
M	42	99/60170	11/1999	PCT (WO)				
M	42a	99/67414	12/1999	PCT (WO)				

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DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. I communication to applicant.



SHEET 3 of 3

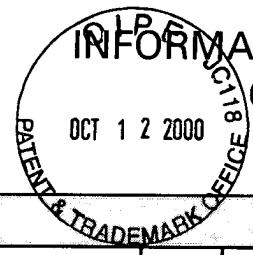
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43	Anonymous, "Fluorescent Microspheres," Tech. Note 19, Bangs Laboratories, (Fishers, In) February 1997.
44	Anonymous, "Microsphere Selection Guide," Bangs Laboratories, (Fisher, In) September 1998.
45	Bangs, L.B., "Immunological Applications of Microspheres," The Latex Course, Bangs Laboratories (Carmel, IN) April 1996.
46	Peterson, J. et al., "Fiber Optic pH Probe for Physiological Use," Anal. Chem., 52:864-869 (1980).
47	Pope, E. "Fiber Optic Chemical Microsensors Employing Optically Active Silica Microspheres," SPIE, 2388:245-256 (1995).
48	Strachan et al., "A Rapid General Method for the Identification of PCR Products Using a Fibre-Optic Biosensor and its Application to the Detection of Listeria," Letters in Applied Microbiology, 21:5-9 (1995).
49	Abel et al., "Fiber-Optic Evanescent Wave Biosensor for the Detection of Oligonucleotides," Anal. Chem. 68:2905-2912 (1996).
50	Piunno et al., "Fiber-Optic DNA Sensor for Fluorometric Nucleic Acid Determination," Anal. Chem., 67:2635-2643 (1995).
51	Drmanac, R. et al., "Sequencing by Oligonucleotide Hybridization: A Promising Framework in Decoding of the Genome Program," The First International Conference on Electrophoresis, Supercomputing and the Human Genome, Proceeding of the April 10-13, 1990 Conference at Florida State University. Ed. C. Cantor and H. Lim.
52	Drmanac, R. et al., "Prospects for a Miniaturized, Simplified and Frugal Human Genome Project," Scientia Yugoslavica, 16(1-2):97-107 (1990).
53	Drmanac, R. et al., "Sequencing by Hybridization (SBH) with Oligonucleotide Probes as an Integral Approach for the Analysis of Complex Genomes," International Journal of Genome Research, 1(1):59-79 (1992).
54	Drmanac, R. et al., "Sequencing by Hybridization," Automated DNA Sequencing and Analysis, ed. M. Adams, C. Fields and J. Venter. (1994).
55	Barnard et al., "A Fibre-Optic Chemical Sensor with Discrete Sensing Sites," Nature, 353:338-340 (September 1991).
56	Fuh et al., "Single Fibre Optic Fluorescence pH Probe," Analyst, 112:1159-1163 (1987).
57	Magnani et al., "In-Vivo Biomedical Monitoring by Fiber-Optic Systems," Journal of Lightwave Technology, 13(7):1396-1406 (1995).
58	Healey et al., "Fiberoptic DNA Sensor Array Capable of Detecting Point Mutations," Analytical Biochemistry, 251:270-279 (1997)
59	Hirschfeld et al., "Laser-Fiber-Optic 'Optrode' for Real Time In Vivo Blood Carbon Dioxide Level Monitoring," Journal of Lightwave Technology, LT-5(7):1027-1033 (1987)
60	Peterson et al., "Fiber-Optic Sensors for Biomedical Applications," Science, 13:123-127 (1984).
61	Czarnik, "Illuminating the SNP genomic code," Modern Drug Discovery, 1(2):49-55 (1998)
62	Walt, "Fiber Optic Imaging Sensors," Acc. Chem. Res. 31(5):267-278 (1998)

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U.S. PATENT DOCUMENTS**GROUP 1700**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
W	4,822,746	4/1989	Walt	435	528	
	5,002,867	3/1991	Macevicz	435	6	
	5,114,864	5/1992	Walt	436	526	
	5,105,305	4/1992	Betzig et al.	359	368	
	5,143,853	9/1992	Walt	436	501	
	5,028,545	7/1991	Soini	436	501	
	5,244,636	9/1993	Walt et al.	422	82.07	
	5,244,813	9/1993	Walt et al.	436	172	
	5,250,264	10/1993	Walt et al.	422	82.07	
	5,252,494	10/1993	Walt	436	528	
	5,254,477	10/1993	Walt	436	172	
	5,298,741	3/1994	Walt et al.	250	227.23	
	5,320,814	6/1994	Walt et al.	422	82.07	
	5,496,997	3/1996	Pope	422	82.06	
	5,512,490	4/1996	Walt et al.	436	171	
	5,573,909	11/1996	Singer et al.	435	6	
	5,633,972	5/1997	Walt et al.	385	116	
	4,499,052	2/1985	Fulwyler	422	52	
	5,690,894	11/1997	Pinkel et al.	422	68.1	
	5,194,300	3/1993	Cheung	427	213.3	
	5,132,242	7/1992	Cheung	436	501	

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